

II. CLAIM AMENDMENTS

1. (Currently Amended) A method for indicating the specific use of a packet-switched communication connection between a mobile station and a fixed packet-switched data transmission network, where the activation of a new packet-switched communication connection involves the step of transmitting an activation request message with a service type indicator field for which a set of service type indicator values have been defined, at least one of the service type indicators defining a category, the method comprising the step of:

transmitting within the activation request message an indicator value indicating the specific use, ~~in more detail than the a subtype that falls within a category defined by a service type indicator value values,~~ of the packet-switched communication connection the activation of which is requested with the activation request message.

2. (Original) A method according to claim 1, comprising the step of:

transmitting within the service type indicator field an indicator that partly consists of a service type indicator value and partly consists of a second indicator value indicating the specific use of the packet-switched communication connection the activation of which is requested with the activation request message.

3: (Previously Presented) A method according to claim 2, wherein the activation request message is an Activate Packet Data Protocol ("PDP") Context Request message and the service type indicator field is a PDP Type field.

4. (Original) A method according to claim 2, wherein the activation request message is a Create PDP Context Request message and the service type indicator field is a PDP Type field.

5. (Original) A method according to claim 2, wherein the activation request message is a PDU Notification Request message and the service type indicator field is a PDP Type field.

6. (Original) A method according to claim 2, wherein the activation request message is a Request PDP Context Activation order and the service type indicator field is a PDP Type field.

7. (Currently Amended) A method according to claim 1, comprising the step of:

transmitting within the activation request message a configuration options field and within said configuration options field said indicator value indicating the specific use, in more detail than the service type indicator values, of the packet-switched communication connection the activation of which is requested with the activation request message.

8: (Previously Presented) A method according to claim 1, additionally comprising the step of:

storing a second indicator value indicating the specific use of the packet-switched communication connection in association with a set of information used to charge a subscriber of the fixed packet-switched data transmission network for the use of services provided through the fixed packet-switched data transmission network.

9. (Previously Presented) A method according to claim 8, wherein said step of storing said second indicator value in association with a set of information used to charge a subscriber is accomplished in a Gateway General Packet Radio Service ("GPRS") Supporting Node of a GPRS network.

10. (Original) A method according to claim 8, wherein said step of storing said second indicator value in association with a set of information used to charge a subscriber is accomplished in a Serving GPRS Supporting Node of a GPRS network.

11. (Currently Amended) An arrangement for providing packet-switched communication connections between a mobile station and a fixed packet-switched data transmission network and for indicating the specific use of a packet-switched communication connection, comprising means for transmitting an activation request message as an indicator for the need of activating a new packet-switched communication connection for which a set of service type indicator values have been defined, at least one of

the service type indicator values defining a category, the arrangement comprising:

means for transmitting, within the activation request message, an indicator value indicating the specific use, ~~in more detail than the as a subtype that falls within a category defined by a service type indicator values~~, of the packet-switched communication connection the activation of which is requested with the activation request message.

12. (Original) An arrangement according to claim 11, comprising means for transmitting, within a service type indicator field of the activation request message, an indicator that partly consists of a service type indicator value and partly consists of a second indicator value indicating the specific use of the packet-switched communication connection the activation of which is requested with the activation request message.

13. (Currently Amended) An arrangement according to claim 11, comprising means for transmitting, within the activation request message a configuration options field and within said configuration options field said indicator value indicating the specific use, in more detail than the service type indicator values, of the packet-switched communication connection the activation of which is requested with the activation request message.

14. (Previously Presented) An arrangement according to claim 11, comprising a Serving General Packet Radio Service ("GPRS") Support Node and a Gateway General Packet Radio Service ("GPRS")

Support Node and in at least one of them means for storing said second indicator value indicating the specific use of the packet-switched communication connection in association with a set of information used to charge a subscriber of the fixed packet-switched data transmission network for the use of services provided through the fixed packet-switched data transmission network.

15. (Currently Amended) A method of indicating a use of a packet-switched communication between a mobile station and a fixed packet switched data transmission network comprising:

transmitting an activation request message from the mobile station, the activation request messaging comprising a service type indicator field for which a set of service type indicator values are defined, at least one of the service type indicator values defining a category;

transmitting, within the activation request message, an indicator value field indicating a specific use, in more detail than the as a subtype that falls within a category defined by a service type indicator valuefield, of the packet switched communication connection between the mobile station and the fixed packet switched data transmission network.